

APPENDIX A

JURISDICTIONAL HOSE LINE COMPLIMENTS

ARLINGTON COUNTY

- B.1 Hose Line Options with Corresponding GPM Flows in Arlington.
- B.1.1 Elkhart “Chief” 4000 – 14 Low Pressure Fixed GPM Breakaway Nozzles are on all 1 ¾-inch hose lines including standpipe pack.
- B.1.2 1 ¾-inch pre-connected hose loads.
 - B.1.2.1 Front bumper has 150 feet of 1 ¾-inch.
 - B.1.2.2 Cross lay pre-connect 1 ¾-inch lines are 200 and 300 feet.
 - B.1.2.3 The fog nozzle is 150 GPM @ 75 PSI nozzle pressure in the straight stream position. This nozzle allows the quick exchange to the 15/16-inch smooth bore tip providing a 185 GPM flow @ 50 PSI nozzle pressure. The engine officer has the option to have the nozzle pressure increased to 65 PSI to achieve 210 GPM. This size line would normally be appropriate for use in occupancies where the fire areas are separated by walls and hallways. The advancement of these hand lines will be room-to-room.
- B.1.3 1 ¾-inch Standpipe Pack.
 - B.1.3.1 Packs consist of two bundles, each consisting of 100 feet of 1 ¾-inch hose.
 - B.1.3.2 The standard nozzle tip is a 15/16-inch smooth bore tip providing a 185 GPM flow @ 50 PSI nozzle pressure. The engine officer has the option to have the nozzle pressure increased to 65 PSI to achieve 210 GPM. The alternate is to add a fog tip which will flow 150 GPM @ 75 PSI nozzle pressure in the straight stream position. The engine officer has the option to have the nozzle pressure increased to 100 PSI to achieve 175 GPM.
 - B.1.3.3 This size line would normally be appropriate for use in occupancies where the fire areas are separated by walls and hallways. The advancement of these hand lines will be room-to-room.
 - B.1.3.4 An accessory bag accompanies the standpipe pack that contains spanner wrenches, standpipe wheel, 2 ½-inch to 1 ½-inch reducer, pipe wrench and door chocks.
- B.1.4 2 ½-inch Standpipe Pack.
 - B.1.4.1 Pack consists of a bundle of 100 feet of 2 ½-inch hose. The 2 ½-inch pack has a Elkhart lightweight break apart nozzle with a 1 ¼-inch tip. Removing the 1 ¼-inch tip provides a standard 1 ½-inch tip that allows the extension of a 1 ¾-inch line from the 2 ½-inch breakaway nozzle.

- B.1.4.2 This size line would normally be appropriate for use in occupancies with heavy fire conditions in large open spaces such as is found in warehouses, strip shopping centers, office high-rises, and other commercial establishments. If it is used as an interior line, adding a second engine company crew to assist with the deployment would be appropriate. Additionally, this line offers greater reach than the smaller hand lines. After a large volume of fire has been darkened down, a 1 $\frac{3}{4}$ " line can be extended from this line, adding flexibility and mobility for continued operations.
- B.1.5 Leader Line.
 - B.1.5.1 The leader line is 300 feet of 3-inch hose with a gated-wye. This allows for one or two 1 $\frac{3}{4}$ -inch line(s) to be added or one 2 $\frac{1}{2}$ -inch hose line for long hose lays. This is not pre-connected.
- B.1.6 Portable Master Stream Device.
 - B.1.6.1 These appliances shall be supplied with one 4-inch line or two 3-inch lines.
 - B.1.6.2 Maximum flow of 1250 GPM, The maximum effective stream reach will be approximately 100 feet from the appliance.